

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	("5115081" "5440401" "5940117" "5978551" "6017157" "6028603" "6035323" "6058428" "6076111" "6085249" "6097389" "6133985" "6272558" "6373592" "6378053" "6496189" "6545687" "20020054303" "20020101440"). pn.	US-PGPUB; USPAT	OR	OFF	2006/09/08 13:45
L2	19	("5119081" "5440401" "5940117" "5978551" "6017157" "6028603" "6035323" "6058428" "6076111" "6085249" "6097389" "6133985" "6272558" "6373592" "6378053" "6496189" "6545687" "20020054303" "20020101440"). pn.	US-PGPUB; USPAT	OR	OFF	2006/09/08 13:45
S1	1	("20040243635").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/08 08:55
S3	5415	(707/104.1).ccls.	US-PGPUB; USPAT	OR	OFF	2006/09/08 08:55
S4	49	("5272331" "5371356" "5471048" "5591961" "5780841" "4626097" "6055398" "6088559" "6137974" "5242739" "5271990" "5501902" "5852813" "5889578" "5900566" "6061545" "6061545" "6113725" "4555617" "4564752" "4611826" "4857945" "4857964" "5023038" "5187750" "5196859" "5236542" "5287497" "5300985" "5386103" "5389984" "5440401" "5444794" "5476568" "5487801" "5495539" "5512981" "5519477" "5521680" "5528339" "5546178" "5546155" "5551021" "5594911" "5608542" "5631728" "5631747" "5644647" "5659875" "5696948").pn.	US-PGPUB; USPAT	OR	OFF	2006/09/08 11:56
S5	8285	(image with ((low or high) with resolution)) and storage and access	US-PGPUB; USPAT	OR	OFF	2006/09/08 12:14
S6	830	S5 and thumbnail	US-PGPUB; USPAT	OR	OFF	2006/09/08 11:59
S7	326	S5 and repository	US-PGPUB; USPAT	OR	OFF	2006/09/08 11:59
S8	122	S7 and (user with (authentica\$4 or verif\$7))	US-PGPUB; USPAT	OR	OFF	2006/09/08 12:00

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S9	29	S8 and @ad<"20010412"	US-PGPUB; USPAT	OR	OFF	2006/09/08 12:15
S10	1701	(image with ((low or high) with resolution)) and storage and (access with time)	US-PGPUB; USPAT	OR	OFF	2006/09/08 12:15
S11	806	S10 and @ad<"20010412"	US-PGPUB; USPAT	OR	OFF	2006/09/08 12:15
S12	276	S11 and photo\$5	US-PGPUB; USPAT	OR	OFF	2006/09/08 12:54
S13	1	("6112010").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/08 13:22


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1 [A survey and analysis of Electronic Healthcare Record standards](#)



Marco Eichelberg, Thomas Aden, Jörg Riesmeier, Asuman Dogac, Gokce B. Laleci
December 2005 **ACM Computing Surveys (CSUR)**, Volume 37 Issue 4

Publisher: ACM Press

 Full text available: [pdf\(844.11 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Medical information systems today store clinical information about patients in all kinds of proprietary formats. To address the resulting interoperability problems, several Electronic Healthcare Record standards that structure the clinical content for the purpose of exchange are currently under development. In this article, we present a survey of the most relevant Electronic Healthcare Record standards, examine the level of interoperability they provide, and assess their functionality in terms o ...

Keywords: Electronic Healthcare Record standards, eHealth, interoperability

2 [Technologies for repository interoperation and access control](#)



Shirley Browne, Jack Dongarra, Jeff Horner, Paul McMahan, Scott Wells
May 1998 **Proceedings of the third ACM conference on Digital libraries**

Publisher: ACM Press

 Full text available: [pdf\(1.14 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

3 [Repository architectures: Architecting an extensible digital repository](#)



Anoop Kumar, Ranjani Saigal, Robert Chavez, Nikolai Schwertner
June 2004 **Proceedings of the 4th ACM/IEEE-CS joint conference on Digital libraries**

Publisher: ACM Press

 Full text available: [pdf\(523.30 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The Digital Collection and Archives (DCA) in partnership with Academic Technology (AT) at Tufts University developed a digital library solution for long-term storage and integration of existing digital collections, such as Perseus, TUSK, Bolles and Artifact. In this paper, we describe the Tufts Digital Library (TDL) architecture TDL is an extensible, modular, flexible and scalable architecture that uses Fedora at its core. The extensible nature of the TDL architecture allows for seamless integra ...

Keywords: VUE, digital library, fedora, preservation


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 Terms used [image](#) [resolution](#) [storage](#) [thumbnail](#) [access](#)

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Relevance scale

1 [Browsing and placement of multiresolution images on parallel disks](#)



Sunil Prabhakar, Divyakant Agrawal, Amr El Abbadi, Ambuj Singh, Terrence Smith

 November 1997 **Proceedings of the fifth workshop on I/O in parallel and distributed systems**

Publisher: ACM Press

Full text available: pdf(1.65 MB)

 Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)


2 [Efficient and flexible Web access to art-historical image collections](#)



Matthias Wagner, Stefan Holland, Werner Kießling

 March 2000 **Proceedings of the 2000 ACM symposium on Applied computing - Volume 2**

Publisher: ACM Press

Full text available: pdf(646.03 KB)

 Additional Information: [full citation](#), [references](#), [index terms](#)


Keywords: Web access, applications in the arts and humanities, format optimization, image databases, multimedia delivery

3 [An intuitive and efficient access interface to real-time incoming video based on automatic indexing](#)



Yukinobu Taniguchi, Akihito Akutsu, Yoshinobu Tonomura, Hiroshi Hamada

 January 1995 **Proceedings of the third ACM international conference on Multimedia**

Publisher: ACM Press

Full text available: htm(40.62 KB)

 Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)


Keywords: browsing, content-based video indexing, grazing, real-time incoming video, user interfaces

4 [Managing the storage and battery resources in an image capture device \(digital camera\) using dynamic transcoding](#)



Surendar Chandra, Carla Schlatter Ellis, Amin Vahdat





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X Cheng, R Dolin, M Neary, S Prabhakar, KV Ravi ... - International Journal on Digital Libraries, 1998 - Springer

... to be adapted to provide efficient access to the ... byte multimedia objects including books, images, and videotapes ... Our proposed storage mechanism for ADL involves ...

[Cited by 18](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)The life sciences Global Image Database (GID) - group of 3 »

E Gonzalez-Couto, B Hayes, A Danckaert - Nucleic Acids Research, 2001 - nar.oupjournals.org

... including creating previews of the images, assigning accession ... To access the database and ensure the highest ... the client, while the central storage computer is ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)Toward zero-effort personal document management - group of 4 »

JJ Hull, PE Hart - Computer, 2001 - ieeexplore.ieee.org

... to the document server for permanent storage and indexing ... Users can access the original Postscript file, compressed ... as a 400-dpi binary image compressed with ...

[Cited by 10](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)The art of massive storage: a Web image archive - group of 3 »

N Talagala, S Asami, D Patterson, B Futernick, D ... - Computer, 2000 - ieeexplore.ieee.org

... can absorb the temporal locality in the access stream, it ... A file organizes GridPix images in resolution order ... client accesses a few files, the storage node's ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)Access and Retrieval from Image Databases Using Image Thumbnails - group of 5 »

HA Cohen - Signal Processing and Its Applications, 1996. ISSPA 96., ..., 1996 - ieeexplore.ieee.org

... a function of the probability p that thumbnail access will be ... small, and adds little to overall coded image size ... The extra storage costs for the thumb code can ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)Digital video libraries and the Internet - group of 4 »

JR Smith - Communications Magazine, IEEE, 1999 - ieeexplore.ieee.org

... Storage — The storage process handles the watermarking ... with content- based interactivity and universal access. ... was investigated in the WebSEEK image and video ...

[Cited by 20](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)Content: a practical, scalable, high-performance multimedia database - group of 2 »

L Yapp, C Yamashita, G Zick - Proceedings of the second ACM international conference on ..., 1997 - portal.acm.org

... Currently, access to the library's Content system is ... Integrated Image and Speech Analysis for Content ... and associated audio for digital storage media at up ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)Chabot: retrieval from a relational database of images - group of 16 »

VE Ogle, M Stonebraker - Computer, 1995 - ieeexplore.ieee.org

... Storage Each of our images is received in Photo CD format in five different resolutions ...

Since DWR wants to allow on-line **access** to both **images** and data ...

[Cited by 401](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Efficient and flexible Web **access** to art-historical **image** collections - group of 5 »

M Wagner, S Holland, W Kießling - Proceedings of the 2000 ACM symposium on Applied computing, 2000 - portal.acm.org

... dimensional model for the cross-media adaption of ... costs even if this raises the costs for **image access**. On the other hand, given sufficient **storage** space we ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

Retrieval and browsing of images using **image** thumbnails - group of 5 »

HA Cohen - Journal of Visual Communication and **Image** Representation, 1997 - homepage.cs.latrobe.edu.au ... 5]. In the next generation of **image storage** schemes retrieval ... in line with the scheme

of **access**, which will be via keys including the **image thumbnails**. ...

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Tip: Looking for pictures? Try [Google Images](#)

Query by image and video content: the QBIC system - group of 6 » [All articles](#) [Recent articles](#)

MS Flickner, H Niblack, W Ashley, JQH Dom, B ... - Computer, 1995 -
ieeexplore.ieee.org

... **Storage and Retrieval for Image and Video Databases III**, Vol. 2,420, SPIE,
Bellingham, Wash., 1995, pp. 24-25. [Buy Via Ask*IEEE]. ...

Cited by 1820 - [Related Articles](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)

Knowledge-based image retrieval with spatial and temporal constructs - group of 14 »

WW Chu, CC Hsu, AF Cardenas, RK Taira - Knowledge and Data Engineering, IEEE Transactions on, 1998 -
ieeexplore.ieee.org

... D. Van Campenhout et al., "Interactive Outlining: An Improved Approach Using Active
Contours," **Image and Video Storage and Retrieval**, SPIE, 1993. ...

Cited by 73 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Image retrieval: current techniques, promising directions and open issues - group of 12 »

Y Rui, TS Huang, SF Chang - Journal of Visual Communication and Image Representation, 1999 -
retina.cs.bilkent.edu.tr

... spatial relations) is a better solution to **image retrieval**. ... information and is
computation- and **storage**-expensive ... approach is to segment the **image** into regions ...

Cited by 529 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

... contribution of thumbnail image, mouse-over text and spatial location memory to web page
retrieval ... - group of 4 »

M Czerwinski, M van Dantzich, G Robertson, H ... - Proc. INTERACT, 1999 - research.microsoft.com

... or two sentence summary of the page's content, a **thumbnail image** of the ... All pages
presented for **retrieval** were seen in the first visit's **storage** phase and ...

Cited by 37 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Supporting ranked Boolean similarity queries in MARS - group of 12 »

M Ortega, Y Rui, K Chakrabarti, K Porkaew, S ... - Knowledge and Data Engineering, IEEE Transactions on,
1998 - ieeexplore.ieee.org

... IS&T, **Storage and Retrieval for Image and Video Databases**, vol. 2,670, SPIE, 1994.
[Buy Via Ask*IEEE]. ... IEEE ICIP, Int'l Conf. **Image Processing**, 1994. ...

Cited by 120 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Blobworld: A system for region-based image indexing and retrieval - group of 13 »

C Carson, M Thomas, S Belongie, JM Hellerstein, J ... - Third International Conference on Visual Information
Systems, 1999 - Springer

... over blobs can perform better than whole-image indices. ... entries and thus low fanout
and slow index **retrieval**. ... To reduce the **storage** and computation in the index ...

Cited by 326 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Content-based image retrieval at the end of the early years - group of 6 »

AWM Smeulders, M Worring, S Santini, A Gupta, R ... - Pattern Analysis and Machine Intelligence, IEEE
Transactions ..., 2000 - ieeexplore.ieee.org

... stage of content-based **image retrieval** research, it ... required for interactive **image**
understanding, rather ... the large computational and **storage** capacity necessary ...

[Cited by 934](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

A Real-Time Matching System for Large Fingerprint Databases - group of 8 »
 NK Ratha, K Karu, S Chen, AK Jain - IEEE Transactions on Pattern Analysis and Machine ..., 1996 -
 csdl.computer.org
 ... SPIE **Storage and Retrieval for Image and Video ... Knowledge-Assisted Content Based
 Retrieval for Multimedia ... matching, minutiae points, image registration, indexing ...**
Cited by 186 - Related Articles - Web Search - BL Direct

Relevance feedback: a power tool for interactive content-based image **retrieval** - group of 9 »
Y Rui, TS Huang, M Ortega, S Mehrotra - Circuits and Systems for Video Technology, IEEE Transactions ...,
1998 - ieeexplore.ieee.org
... The 120 80 **resolution** images are available at <http://www.cse.cuhk.edu.hk/~yrrui/> ... the above proposed relevance feedback
retrieval algorithm converges ... Sections II and III, the **image** object is ...
Cited by 590 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Chabot: **retrieval** from a relational database of images - group of 16 »
 VE Ogle, M Stonebraker - Computer, 1995 - ieeexplore.ieee.org
 ... for example, via the stored color histograms for each **image**. ... written a function to
 analyze, at **retrieval** time, color ... **Storage** Each of our images is received in ...
 Cited by 401 - Related Articles - Web Search - BL Direct

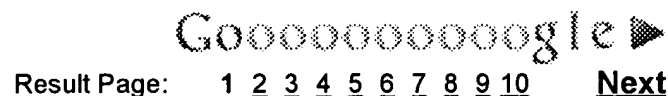


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A Joshi - Mobile Networks and Applications, 2000 - Springer

... for all possible client/network **speed** combina- tions. ... A. Joshi / On proxy agents, mobility, and web **access** ... For example, an **image file** may be made available in ...[Cited by 51](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)Relational Database Structure to Manage High-Density Tissue Microarray Data and Images for Pathology ... - group of 4 »S Manley, NR Mucci, AM De Marzo, MA Rubin - 2001 - [ajp.amjpathol.org](#)... array ID's (generated from the **file** name list ... **Image** stain selection depends on the particulars of the ... World-Wide Web with adequate high-**speed** Internet **access**. ...[Cited by 66](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

The Tiger Shark File System - group of 12 »

R Haskin, F Schmuck - Proceedings of IEEE, 1996 - doi.ieeecomputersociety.org

... nodes to use the high- **speed** switch to **access** disks that ... Tiger Shark presents a single-system **image** to its clients- operations on the same **file** from more ...

[Cited by 70](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Containers: A sound basis for a true single system **image** - group of 12 »

R Lottiaux, C Morin - Proceeding of IEEE International Symposium on Cluster ..., 2001 - doi.ieeecomputersociety.org

... they do not offer a full single system **image**. ... is no sup- port for (parallel) **file access**, swapping, thread ... processes of several users, caching **file** data and ...

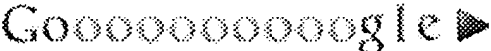
[Cited by 26](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Workload characterization of a Web proxy in a cable modem environment - group of 10 »

M Arlitt, R Friedrich, T Jin - ACM SIGMETRICS Performance Evaluation Review, 1999 - portal.acm.org

... determine the effects of higher client **access** speeds on ... 73% of all requests are for **image files**; a further ... are for HTML **files** • the unique **file** and transfer ...

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Wavelet transform-based image compression for transmission of MR data [published erratum appears in ... - group of 3 »

JA Maldjian, WC Liu, D Hirschorn, R Murthy, W ... - American Journal of Roentgenology, 1997 - [ajronline.org](#)

... For a 137-kB image, file size is only reduced to 50 ... kB with 90% compression, achieving actual file compression in ... this factor-of-four increase in size from the ...

Cited by 19 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

QSplat: a multiresolution point rendering system for large meshes - group of 34 »

S Rusinkiewicz, M Levoy - Proceedings of the 27th annual conference on Computer ..., 2000 - [portal.acm.org](#)

... Krishnamurthy and Levoy [Krishnamurthy 96], the range image merging system ... top-down, so the position and size of a ... greater detail as more of the file is read ...

Cited by 437 - [Related Articles](#) - [Web Search](#)

Imagerover: A content-based image browser for the world wide web - group of 10 »

S Sclaroff, L Taycher, M La Cascia - ... on Content-based Access of Image and Video Libraries, 1997 - [doi.ieeecomputersociety.org](#)

... Speed is fur- ther enhanced via use of an approximate k -nearest ... choose from a preset toggle menu the desired image dimensions, file size range, and ...

Cited by 163 - [Related Articles](#) - [Web Search](#)

Image File Formats: Past, Present, and Future1 - group of 2 »

RH Wiggins, HC Davidson, HR Harnsberger, JR Lauman ... - 2001 - [radiographics.rsna.org](#)

... electronic environment and require significantly less storage space per ... and (b) tags for conveying image data. This larger file size limits the use of TIFF in ...

Cited by 11 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Full-Field Direct Digital Telemammography: Technical Components, Study Protocols, and Preliminary ... - group of 4 »

SL Lou, EA Sickles, HK Huang, D Hoogstrate, F Cao, ... - IEEE TRANSACTIONS ON INFORMATION TECHNOLOGY IN BIOMEDICINE, 1997 - [ieeexplore.ieee.org](#)

... A. Image Compression As described in Section II-B, each ... techniques are needed to reduce digital mammogram file size to facilitate storage and communication. ...

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Enhanced JBIG-based compression for satisfying objectives of engineering document management system - group of 8 »

El Ageenko, P Franti - Optical Engineering, 1998 - [cs.joensuu.fi](#)

... of log N bits (where N is the size of the ... not be written into the final output file until all ... not a binary version of the (reduced resolution) image but each ...

Cited by 15 - [Related Articles](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)

High Resolution Colorimetric Image Browsing on the Web - group of 7 »

K Martinez, J Cupitt, ST Perry - WWW7 / Computer Networks, 1998 - [scu.edu.au](#)

... have developed the FlashPix/OpenPix [9] storage format and the ... was stored with an average file size of 100 ... Full image, from the National Gallery in London, to ...

Cited by 8 - [Related Articles](#) - [Cached](#) - [Web Search](#)

The display of photographic-quality images on the Web: a comparison of two technologies - group of 4 »

CS Jao, DB Hier, SU Brint - Information Technology in Biomedicine, IEEE Transactions on, 1999 - ieeexplore.ieee.org

... color-management algorithms; • High **storage** capacity: approximately ... FlashPix technology, a photographic **image** can be ... the meantime, a PCD **file size** needs to ...

Cited by 6 - Related Articles - Web Search - BL Direct

WebSeer: An Image Search Engine for the World Wide Web - group of 6 »

C Frankel, MJ Swain, V Athitsos - U. Chicago TR-96-14, 1996 - cs.uchicago.edu

... are 40 (unique) GIF images and one (unique) JPEG image. ... GIF files is 11k, and the average file size for JPEGs ... allowed us to ramp up our storage and processing ...

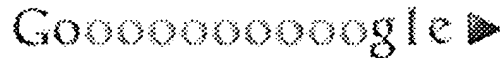
[Cited by 131](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Optical character recognition (ocr) as a digitization technology

S Haigh - Network Notes, 1996 - collection.nlc-bnc.ca

... **file size** is of concern (in terms of **storage** or bandwidth to transmit); ... The following table compares **image** and OCR characteristics: ...

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CM Schaefer-Prokop - Radiology, 1996 - radiology.rsna.org
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